

SUSTAINABILITY GOAL #2

Reduce automobile dependency and provide balanced land use and transportation systems.

TRANSPORTATION



FORT CARSON, COLORADO

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<http://sems.carson.army.mil>

Fort Carson is conducting a feasibility study on the use of PRT, a system of driverless taxicabs, which automatically take passengers to their destination along dedicated guideways.



Where the goal fits in the Fort Carson Strategic Action Plan

- Goal #1 Promote mutual respect, professional development, personal growth and teamwork, while celebrating success.
- Goal #2 Provide the services and support that contribute to mission readiness.
- Goal #3 Positively contribute to the spiritual, physical, psychological, and emotional well-being of the Mountain Post Community and create opportunities to enhance understanding of Fort Carson for our local neighbors.
- Goal #4 Provide vibrant, healthy, safe and environmentally-friendly places and spaces and Hometown services for the Mountain Post.
- Goal #5 Transform Fort Carson people, processes, products, places and profits – to show by our actions what sustainability and environmental management is, and its critical role in meeting the mission in all its dimensions by 2027.

If left unchecked, it is anticipated that Fort Carson's traffic volume will increase up to 115 percent between 2005 and 2013. Fort Carson's Sustainable Transportation Plan, begun in 2005, is designed to address the various transportation issues Fort Carson is facing. The plan, expected to be completed in FY09, includes several components:

- An update to the Traffic Infrastructure Plan, identifying shortcomings in the existing transportation infrastructure and the improvements required to meet Fort Carson's projected future traffic demands, was completed in 2005 and updated this year.
- Pedestrian and Low-Impact Vehicle Plan in progress will produce a master plan of sidewalks, lanes, pathways and amenities to support and promote walking, biking and the use of other forms of low-impact transportation on Fort Carson.
- Personal Rapid Transit (PRT), a transportation system of small electric vehicles that follow guide paths to numerous destinations without intermediate stops, is being studied for feasibility.
- A Transit Development Plan underway will determine how mass transit services can be developed or optimized to best serve Fort Carson's transportation needs both on and off Post.
- Transportation demand management alternatives to reduce single-occupancy vehicle use and traffic congestion, such as telecommuting, ride sharing and incentive programs, are in the planning and implementation stage
- Major congestion relief projects this year on Fort Carson included the widening of Specker Avenue south toward Gate 20 and the re-designation of Gates 1 and 3 as visitor and commercial use gates.

FUTURE GOAL 2 INITIATIVES:

- Congestion relief projects including the Barkeley Avenue and Prussman Boulevard intersection and signal improvements, Sheridan Avenue and Woodfill Road intersection improvements and traffic capacity improvements at Gates 3 and 4.
- Upgrade and expansion of bicycle and pedestrian facilities as proposed in the Pedestrian Low-Impact Vehicle Plan.
- Implement an enhanced on-Post shuttle bus or other transit option.

OPPORTUNITIES:

- Overcoming the cultural love affair with cars and the perceived need for individualized transportation.
- Providing viable alternative transportation options that will mitigate the need for single occupancy vehicle use.



Evaluating transportation options to encourage bicycling to work is one component of the Pedestrian and Low-Impact Vehicle Plan in progress.



Area development plans (ADPs), such as the Child Development Center ADP near Gate 1, take into consideration developing pedestrian-friendly areas where services and housing are close together.